H99654

AMERICAN DYESTUFF REPORTER

INDEX

TO VOLUME XIX

January 1, 1930, to December 31, 1930, Inclusive

Indexed by Subject and Author

TECHNOLOGY

NO POCKET

Index by Subject

For the convenience of readers there is appended below a list of pages in the respective issues of the American Dyestuff Reporter for the year 1930. The numbers in the first column indicate the regular volume; those in the second, the numbers of the pages of the Proceedings of the American Association of Textile Chemists and Colorists.

January 6	1 to 44	1 to 36
January 20	45 to 76	37 to 58
February 3	77 to 106	59 to 72
February 17	107 to 136	73 to 82
March 3	137 to 168	83 to 96
March 17	169 to 200	97 to 104
March 31	201 to 230	105 to 117
April 14	231 to 260	118 to 135
April 28	261 to 294	136 to 154
May 12	295 to 326	155 to 166
May 26	327 to 354	167 to 179
June 9	355 to 386	181 to 192
June 23	387 to 416	193 to 204
July 7	417 to 446	
July 21	447 to 476	205 to 210
August 4	477 to 508	
August 18	509 to 538	211 to 214
September 1	539 to 570	
September 15	571 to 600	215 to 222
September 29	601 to 634	223 to 230
October 13	635 to 662	231 to 244
October 27	663 to 696	245 to 248
November 10	697 to 724	249 to 252
November 24	725 to 756	253 to 272
December 8	757 to 786	273 to 288
December 22	787 to 818	289 to 308

Subject	Page
Absorption and Its Action in Dyeing of Textile Fibers (Trotman)	481
Absorption: A Study of Dye (Rehner, Jr. and Stearn)	465
Absorption Ratios of Biological Stains (Holmes and Peterson)	689
Absorption by Rayon of Synthetic Dyestuffs: Some Observations Pertaining to Uniform (Seibert)	29
Abstracted Proceedings of the American Chemical Society	622
Acetate Silk Printing: Some New Methods in	76
Action of Hypobromites on Cellulose and Its Application in Testing Cotton (Hall)	787
Advances in the Dyeing of Artificial Silk (Bodenbender)	605
Advantages of Bleaching Textiles with Hydrogen Peroxide (Quern)	587
Advisor on Packing and Shipping: Uncle Sam (Fawcett)	425
Aging of Alkali Cellulose	44
American Chemical Society: Abstracted Proceedings of the	622
Ammonium Salts in the Dye Bath: Behavior of (Claflin)	49
Analytical Methods for Textile Soaps (Levitt)	667
Analyzing Colors of Transparent and Opaque Objects: Automatic Apparatus for	100
An Approach to Scientific Research (Clark)	116
Antiseptic Agents for the Prevention of Mildew: The (Lloyd)	608
Application of Indanthren Colors on Cotton Raw Stock and Cotton Yarn (Williams)	310
Application of Fluorides on Textiles (Bishop)	282
Application of Vat Colors to Cotton Piece Good (Vieira)	312
Application of Vat Colors in Printing (Marshall)	308
Artificial Silk: Advances in the Dyeing of (Bodenbender)	605
Automatic Apparatus for Analyzing Colors of Transparent and Opaque Objects	100
Azo-Dye-Sulphites in Connection with Bleached and Dyed Wool: Importance of (Hall)	725
Behavior of Ammonium Salts in the Dye Bath (Claflin)	49
Benefits of Manufacturers' Census	222
Benzanthrone Series: Vat Dyestuffs of	76
Between Two Worlds (Hausner)	492
Biological Stains: Absorption Ratios of (Holmes and Peterson)	689
Bleached and Dyed Wool: Importance of Azo-Dye-Sulphites in Connection with (Hall)	725
Bleaching Cotton Goods with Hydrogen Peroxide (Smolens)	351
Bleaching Cotton Goods: Use of Chlorine in (Ivey)	611
Bleaching Cotton Piece Goods with Hydrogen Peroxide (Smolens)	547
Bleaching Textiles with Hydrogen Peroxide: Advantages of (Quern)	587
Bleaching Cotton Piece Goods in One Boil (Hughes)	455
Bleaching and Dyeing: Straw and Tagal (Grove-Palmer) Part I	387
Part II	422
Book Reviews	626, 820
Branding in Color, Color Standardization Will Not Impair (Fawcett)	684
Cellulose (Hall)	509
Cellulose: Copper Number of (Hall)	355
Cellulose: Fibers Derived From (Levinstein)	193
Cellulose Micelle: Mercerization and the (Boxser)	601
Certification of Food Colors: Recent Progress in Federal (Fawcett)	99
Chemical Control in the Manufacture and Application of Dyestuffs with Particular Reference to Indicator Text Papers (Lubs)	182
Chemical Economics (Moraw)	159
Chemical Processes in the Dyestuff Industry: Standardization of (Bishop and Sachs)	147
Chemical Products in the Textile Industry: New (Harvey, Jr. and Reid)	77
Chemical Research and the Chemical Industry (Claflin)	635
Chemicals and Their Application to the Textile Industry: New (Harvey, Jr.)	242
Chemistry: The Commerce of (Taylor)	496
Chemistry in Cotton Piece Bleaching (Feindell)	36
Chemistry in Its Relation to Dyers (Hayes)	38
Chemistry in Textile Finishing (Schuttig)	37
Chemist's Place in the Department Store (Dearing)	378
Chlorination of Wool for Unshrinkable Finish (Sachs)	488
Chlorine in Bleaching Cotton Goods: Use of (Ivey)	611
Chlorine in Hypochlorite Liquors: Determination of Active (Blakely, Preston and Scholefield)	549
Cleaning and Protecting Lamé Fabrics (Grove-Palmer)	80
Cleaning, Rug & Upholstery (Edwards)	225
Colloidal Aspects of the Dyeing of Viscose with Substantive Dyes (Boxser)	447
Colloids: Some Facts About (Strachan)	151
Colloresine: A New Thickening Agent (Cotton)	269
Color Analyzer Placed on Market: Recording	707
Color as a Factor in Patentable Design (Fawcett)	129
Color Co-ordination: The Future of (Fawcett)	565
Color Faults in Finished Materials (Goodall)	627
Color Inherent in Containers (Fawcett)	780
Colors and Coloring	131
Colorscope: A Demonstration of the (Sheldon)	644
Color Standardization Will Not Impair Branding in Color (Fawcett)	684
Color Takes Possession of Cotton Bags (Fawcett)	267
Commerce of Chemistry (Taylor)	496
Comparative Accuracy of Comparator Indicators with Soap Solutions (Mosher)	261
Control of Copper Content of Dyed Fabrics	821
Converting Plant: Fast Color Dyeing in the (Clark)	55
Copper in Textiles: Determination of Small Amounts of (Rupp)	581
Copper, Manganese and Iron in Fabrics: Method for the Determination of (Smith)	583
Copper Number of Cellulose (Hall)	355
Correspondence	458
Corrosion Problems in the Textile Industry (Kingsbury)	45
Cotton Bags: Color Takes Possession of (Fawcett)	267
Cotton Fabrics: Fireproofing of	629
Cotton Fabrics with Vat Dyes Padding	659
Cotton Goods: The Trend to Refinement of (Voegeli)	305
Cotton Material: Deterioration in (Hall)	264
Cotton, Oiled Cotton and the Chemistry Involved (Siever)	16
Cotton Piece Goods: Application of Vat Colors to (Vieira)	312
Cotton Piece Goods in One Boil: Bleaching (Hughes)	455
Cotton Raw Stock and Cotton Yarn: Application of Indanthren Colors on (Williams)	310
COUNCIL MEETING:	
Sixty-second	182
Sixty-third	251
Sixty-fourth	335
Sixty-fifty	461
Sixty-sixth	676
Sixty-seventh	739
Degumming of Silk: The (Mosher)	395
Demonstration of the Colorscope (Sheldon)	644
Department Store: The Chemist's Place in the (Dearing)	378
Designer: The Profession of a Textile (Schey)	729
Design Registration Surmounts Retail Opposition (Fawcett)	621
Designs on Textiles: Spraying (Miskella)	543
Deterioration in Cotton Material (Hall)	264
Determination of Active Chlorine in Hypochlorite Liquors (Blakeley, Preston and Scholefield)	549
Determination of Small Amounts of Copper in Textiles (Rupp)	581
Development of the Textile Chemist and New Developments in Textile Chemicals (Branegan)	209
Dextrine and British Gum and Its Application: The Manufacture of Starch, (Crown)	83
Distribution and Its Effects Upon Production (Filene)	700
Dr. Herbert H. Dow Honored as Perkin's Medalist	75

246737

Subject Page

Dye Adsorption: A Study of (Rehner, Jr. and Stearn) 465
Dyeing of Artificial Silk: The (Rudolph) 192
Dyeing of Artificial Silk: Advances in the (Bodenbender) 605
Dyeing in the Converting Plant: Fast Color (Clark) 55
Dyeing and Finishing Celanese Fabrics (Platt) 19
Dyeing and Finishing Rayon Upholstery for Automobiles (Grove-Palmer) 327
Cont. II 375
Dyeing Machines: Notes on the Use and Construction of (Hall) 201, 411
Dyeing Paper Fabrics (Grove-Palmer) 137
Dyeing of Random Effects on Yarns (Somerville) 107
Dyeing Rayon and Rayon Mixtures (Margis) 477
Dyeing Silk Hosiery (White) 741
Dyeing of Vat Colors on Wool (Meyer) 237
Dyeing of Viscose with Substantive Dyes: Colloidal Aspects of the (Boxser) 447
Dyers' Accounts (Withey) 110, 206, 318, 439, 553

DYER'S SCHOOL OF EXPERIENCE: THE
Wanted: Someone to Join the Faculty! (White) 434

EDITORIALS:
Co-operative Textile Research 41
Dr. Berthold Wuth 42
Prof. Chas. S. Doggett 42
Technical Notes From Foreign Sources 43
The Tariff 71
Recovering, Thank You 71
Why Do Leaders Lead? 72
One Hundred and Fifty Freshmen 72
Look to the Lamps (Grove-Palmer) 73
Dr. Herbert H. Dow Honored as Perkin Medalist 75
Credit for the New Idea 97
The Echoes to Mr. Garvan 98
In the Past Twenty Years 98
Thanks to the Senate! 125
A practical Example 125
Does Charity Begin at Home? 125
Census for All of Us 157
The Stitch in Time 157
A Word to the Wise 157
The Cartel Movement 189
For Truth in Business 189
Money for Meters 190
The Tariff—The Final Phase 223
Employees and Safety 223
Statistical Tribute 255
The New Spirit in Research 255
Showing Up 289
The Crystal Anniversary 289
A Census of Dragons 290
A United Movement of Research 315
Across the Sea 349
A Management Decalogue 349
The Textile Alliance Fund 379
The Textile Foundation Directorate 407
A Law and a Hope 407
Standards of Progress 408
Activities of the Mellon Institute 437
A Word on Color 437
A Continuing Controversy 471
The Open Mind 471
Having the Office as An Asset 472
Why Chemistry? 501
As to Financing Research 501
A Word on Color 502
Obsolescence the Price of Progress 525
The Autumn "Get-togethers" 525
The New Colorscope 557
The American Chemical Society 557
Rambles in Fastness 589
Rest Periods 589
The Small Laboratory 619
Color by Wire 619
Maintaining Research 657
For Improved Lighting 657
Labeling and Dyestuffs 679
Safeguarding Machinery 679
The Journals and Research 713
The American Red Cross 713
Institute for Textile Research 749
Government Trade Information 749
Improved Business Outlook 779
What Wage-Earners Pay for Sickness 779
Let's Go to Work 819
Spark Plugs or Chemicals 819

Efficiency of the Hydroextractor (Grove-Palmer) 681
Elementary Textile Microscopy (Skinkle) 295, 330, 359, 409, 427, 449, 484, 527, 829
Elimination of Warp Streaks From Rayon Piece Goods (Chaky) 609
Emulsions: Their Preparation and Applications (Claflin) 697
Engraving for the Textile Industry (McCormack) 734
Evaluation of Turkey-Red Oils by Their Properties (Pomeranz) 672
Even Shades on Viscose of Varying Dyeing Properties: Production of (Imperial Chemical Industries, Ltd.) 519
Extractorials 526, 558, 590, 620, 658, 680, 714, 750, 780

Fabrics for the Waterproofer (Grove-Palmer) 539
Fashion and the Chemist (Rorke) 25
Fast Color Dyeing in the Converting Plant (Clark) 55
Fastness to Light of Dyed Textiles, Its Determination and Standardization (Krais) 33
Federal Program for 1930-31 That Effect the Dyestuff Industries: Projects in the 164
Fibers Derived From Cellulose (Levinstein) 193
Fire-Hazard Tests of Jute 180
Fireproofing of Cotton Fabrics: The 629

Subject Page

Fire Resisting Rayon Goods (Grove-Palmer) 715
First Annual Meeting of the U. S. Institute for Textile Research 750
Fluorides on Textiles: Application of (Bishop) 282
Food Colors: Recent Progress in Federal Certification of (Fawcett) 99
Formulae Men (Herrmann) 367
Fundamental Research in Silk (Shelton) 280
Future of Color: The Co-ordination (Fawcett) 565
Future Textile Laboratory Practice (Haven) 757

George Eastman Awarded Medal American Institute of Chemists 165
Grease, Oil and Wax: Vapor Method for Removing (Miskella) 762
"Guesstimating": No More "Guesstimating in the Modern Chemical Plant 105

Handling Heavy Chemicals (Curtis) 278
Heavy Chemicals: Handling (Curtis) 278
Hercules Yarmor Pine Oil (Little) 343
High Temperatures and Textiles (Johnson) 559
Hosiery: Dyeing Silk (White) 741
Hypobromites on Cellulose and Its Application in Testing Cotton: Action of (Hall) 787
Hypochlorite Liquors: Determination of Active Chlorine in (Blakeley, Preston and Scholefield) 549
Hydroextractor: Efficiency of the (Grove-Palmer) 681
Hydrogen Peroxide: Advantages of Bleaching Textiles with (Quern) 587
Hydrogen Peroxide: Bleaching Cotton Piece Goods with (Smolens) 547
Hydrogen Peroxide: Kier Bleaching Cotton Goods with 351
Hydrogen Peroxide: Recent Improvements in Machinery for Bleaching with (Sansone) 514
Hydrosulphites: Rapid Method for the Determination of 592

Ice Colors: Improvement in Methods of Producing 76
Ice Colors Upon Silk: Production of 44
Importance of Azo-Dye-Sulphites in Connection with Bleached and Dyed Wool (Hall) 725
Improvement in Method of Producing Ice Colors 76
Indanthren Colors on Cotton Raw Stock and Cotton Yarn: Application of (Williams) 310
Indicator Test Papers: Chemical Control in the Manufacture and Application of Dyestuffs, with Particular Reference to (Lubs) 364
Inside Dope on Making Textiles Smell Good: The (Laird) 502
Institute Research Committee Organized 642
Investigating the Value of Paranitraniline for Dyeing or Printing Reds on Cotton Cloth Goods (Sansone) 175
Iron in Fabrics: Method for the Determination of Copper, Manganese and (Smith) 583
Isoelectric Point and Its Relation to Textile Chemistry (Hawley and Harris) 720

Jute Fiber and Its Processing, Dyeing and Bleaching (Halden) 169
Jute: Fire-Hazard Tests of 180

Kier Bleaching Cotton Goods with Hydrogen Peroxide 351

Laboratory Washing Machine Used in Poland (Pralka) 128, 187
Literature: Recent 468

LOWELL JUNIOR SECTION:
November Meeting of the 89
April Meeting of the 303

LOWELL TEXTILE INSTITUTE:
Thirty-second Commencement 413
Machinery for Bleaching with Hydrogen Peroxide: Recent Improvements in (Sansone) 514
Manganese and Iron in Fabrics: Method for the Determination of Copper (Smith) 583
Manufacture and Application of Dyestuffs with Particular Reference to Indicator Text Papers: Chemical Control in the (Lubs) .....
Manufacture of Starch, Dextrine and British Gum and Its Application (Crown) 83
Materials, Rayon and Cotton: Stretching—An Important Factor Which Affects the Properties and Processing of (Hall) 417
Meeting of Preliminary Directorate of U. S. Institute for Textile Research 500
Men of Mark in the Dyestuff Field (Mitchell) 291
Mercerization and the Cellulose Micelle (Boxser) 601
Mercerization: Pressure Factor in (Huffman and Vilbrandt) 571
Mercerizing: Warp (Skinkle) 217
Method for the Determination of Copper, Manganese and Iron in Fabrics (Smith) 583
Microscopy: Elementary Textile (Skinkle) 295, 330, 359, 409, 427, 449, 484, 527

MID-WEST SECTION:
Quarterly Meeting 209
Mildew Problem with Cotton and Wool Materials (Hall) 663, 717
Mildew in Textile Mills (Roberts) Part I 431
Part II 473
Mildew: The Use of Antiseptic Agents for the Prevention of (Lloyd) 608
Mill Accidents: Prompt Action in (Grove-Palmer) 113
Mineral Constituents of Textiles; Spectroscopic Investigation of the (Lewis) 686

Naphthol H S Products: New Developments in Dyeing with (Marsson) 271
Need of Broadening Textile Education in North Carolina: The (Brooks) 145
New Chemicals and Their Application to the Textile Industry (Harvey, Jr.) 242
New Chemical Products in the Textile Industry (Harvey, Jr. and Reid) 77
New Developments in Dyeing with Naphthol H S Products (Marsson) 271
New Machinery 519, 625
New Species of Patents Sought for Machinery (Fawcett) 469

NEW YORK SECTION—
Outing 524
January Meeting 115
February Meeting 237
March Meeting 279
April Meeting 338
May Meeting 395

Subject Page

September Meeting ... 643
October Meeting ... 729
Nominations of Officers for 1931 ... 643

NORTHERN NEW ENGLAND SECTION—
February Meeting ... 185, 217
March Meeting ... 277
April Meeting ... 364
Outing ... 462
December Meeting ... 763
Notes on the Use and Construction of Dyeing Machines (Hall) ... 201, 411
Notes on Sulphur Color Dyeing (Davidson) ... 213
Number of Cellulose: The Copper (Hall) ... 355

OBITUARIES—
Dr. Berthold Wuth ... 42
Prof. Charles S. Doggert ... 42
Obsolescence Studies Start with Textiles: U. S. (Fawcett) ... 301
Oiled Cotton and the Chemistry Involved (Siever) ... 16
Oils by Their Properties: Evaluation of Turkey-Red (Pomeranz) ... 672
Oil and Wax: Vapor Method for Removing Grease (Miskella) ... 762
One Boil: Bleaching Cotton Piece Goods in (Hughes) ... 455
Our Association: Informal Talk (Wood) (Abstract) ... 523
Packing and Shipping: Uncle Sam—Advisor on (Fawcett) ... 425
Padding Cotton Fabrics with Vat Dyes ... 659
Paper Fabrics: Dyeing (Grove-Palmer) ... 137
Patentable Design: Color as a Factor in (Fawcett) ... 129
Patents Sought for Machinery: New Species of (Fawcett) ... 469

PIEDMONT SECTION—
Annual Meeting ... 36
Quarterly Meeting ... 143
Spring Meeting ... 305
Summer Outing ... 521
Annual Meeting ... 739

PHILADELPHIA SECTION—
November Meeting ... 744
Pine Oil: Hercules Yarmor (Little) ... 347
Plan United Organization for Textile Research ... 300
Practical Applications of Visual Spectrophotometry (Peterson) ... 638
Practical Applications of Ultra-Violet (Amick) ... 585
Practice of Rayon Sizing in American Mills (Piana) ... 14
Present Status and Future Possibilities of X-ray Research on Textiles: The (Clark) ... 60
Pressure Factor in Mercerization (Huffman and Vilbrandt) ... 571
Printing: Application of Vat Colors to (Marshall) ... 308
Problems Which Face the Young Works Chemist (Cotton) ... 303
Process-Marking Carried Through to Ultimate Consumer (Fawcett) ... 706
Production of Even Shades on Viscose of Varying Dyeing Properties (Imperial Chemical Industries, Ltd.) ... 519
Production of Ice Color Upon Silk ... 44
Profession of a Textile Designer: The (Schey) ... 729
Projects in the Federal Program for 1930-31 That Affect the Dyestuffs Industries (Fawcett) ... 164
Prompt Action in Mill Accidents (Grove-Palmer) ... 113
Properties and Processing of Rayon and Cotton Materials: Stretching—An Important Factor Which Affects the (Hall) ... 417
Protecting Lamé Fabrics: Cleaning and (Grove-Palmer) ... 80

Quality of Textiles and Manufacturing Methods Standardized on Basis of Federal Research (Hubbard) ... 179

Random Effects on Yarns: Dyeing of (Somerville) ... 107
Random Thoughts on Research 126, 158, 190, 224, 256, 290, 316, 350, 380, 408, 438, 472
Rapid Methods for the Determination of Hydrosulphites ... 592
Rapidase and Its Practical Application (Gale) ... 338
Rayon and Cotton Materials: Stretching—An Important Factor Which Affects the Properties and Processing of (Hall) ... 417
Rayon Goods: Fire Resisting (Grove-Palmer) ... 715
Rayon and Rayon Mixtures: Dyeing (Margis) ... 477
Rayon Sizing: Practice of in American Mills (La Piana) ... 14
Rayon: Sizing of in a Silk Mill (Johnson) ... 5
Rayon Upholstery for Automobiles: Dyeing and Finishing (Grove-Palmer) ... 327, 375
Recent Improvements in Machinery for Bleaching with Hydrogen Peroxide (Sansone) ... 514
Recent Literature ... 105, 227, 323, 468
Recent Progress in Federal Certification of Food Colors (Fawcett) ... 99
Recording Color Analyzer Placed on Market ... 707
Refinement of Cotton Goods: The Trend to (Voegeli) ... 305
Registration Surmounts Retail Opposition: Design (Fawcett) ... 621

RHODE ISLAND SECTION—
November Meeting ... 83
December Meeting ... 89
December Meeting ... 115
January Meeting ... 123
January Meeting ... 151
February Meeting ... 184
March Meeting ... 269
April Meeting ... 364
Removing Grease, Oil and Wax: Vapor Method for (Miskella) ... 762

RESEARCH COMMITTEE—
Fifty-seventh Meeting ... 181
Fifty-eighth Meeting ... 253
Fifty-ninth Meeting ... 363
Sixtieth Meeting ... 459
Sixty-first Meeting ... 675
Report of the Light Committee ... 523
Report of Sub-Committee on Rubberized Fabrics ... 581
Research: An Approach to Scientific (Clark) ... 116
Research in Silk: Fundamental (Shelton) ... 280
Research: Plan United Organization for Textile ... 300
Researches in Textile Oils (Wechsler) ... 284

Subject Page

Rubber and Its Application to Textiles (Powers) ... 89
Rug and Upholstery Cleaning (Edwards) ... 225
Silk: The Degumming of (Mosher) ... 395
Silk Hosiery Dyeing: Variables in (Zisman) ... 51
Sizing of Rayon in a Silk Mill (Johnson) ...
Smell Good: The Inside Dope on Making Textiles (Laird) ... 502
Soaps: Analytical Methods for Textile (Levitt) ... 667
Soap Solutions: Comparative Accuracy of Comparator Indicators with (Mosher) ... 261
Some Characteristics and Uses of Ultra-Violet (Stockbarger) ... 586
Some Chemical Aspects of the Silk Industries (Edwards) ... 1
Some Facts About Colloids (Strachan) ... 151
Some New Methods in Acetate Silk Printing ... 76
Some Observations Pertaining to Uniform Absorption by Rayon of Synthetic Dyestuffs (Seibert) ... 29

SOUTH CENTRAL SECTION—
Quarterly Meeting ... 213, 364
Mid-Summer Meeting ... 611
November Meeting ... 740
Species of Patents Sought for Machinery: New (Fawcett) ... 469
Spectrophotometry: Practical Applications of Visual ... 638
Spectroscopic Investigation of the Mineral Constituents of Textiles (Lewis) ... 686
Spraying Designs on Textiles (Miskella) ... 543
Standardization of Chemical Processes in the Dyestuffs Industry (Bishop and Sachs) ... 147
Standardized Colors: The Use of (Maerz) ... 763
Straw and Tagal Bleaching and Dyeing Part I (Grove-Palmer) ... 387
Part II ... 422
Stretching—An Important Factor Which Affects the Properties and Processing of Rayon and Cotton Materials (Hall) ... 417
Study of Dye Adsorption (Rehner, Jr. and Stearn) ... 465
Sulphur Color Dyeing (Davidson) ... 709
Sulphur Color Dyeing: Notes on (Davidson) ... 213
Sulphur Content of Wool (Hall) ... 231
Tariff Commission: The United States (Brossard) ... 390

TECHNICAL NOTES FROM FOREIGN SOURCES—43, 76, 102, 133, 166, 198, 228, 257, 292, 324, 353, 383, 415, 443, 474, 503, 535, 567, 598, 630, 660, 693, 722, 855

Temperatures and Textiles: High (Johnson) ... 559
Textile Chemist and New Developments in Textile Chemicals: Development of the (Branegan) ... 209
Textile Education in North Carolina: The Need of Broadening (Brooks) ... 145
Textile Designer: The Profession of a (Schey) ... 729
Textile Fibers: Absorption and its Action in Dyeing of (Trotman) ... 481
Textile Finishing: Chemistry in (Schuttig) ... 37
Textile Laboratory Practice: Future (Haven) ... 755
Testing Laboratory and its Relation to the Textile Mill (Adams) ... 235
Textile Microscopy: Elementary (Skinkle) ... 295, 330, 359, 409, 427, 449
Textile Mills: Mildew in (Roberts) Part I ... 431
Part II ... 473
Textile Oils: Researches in (Wechsler) ... 284
Textile Research (Powers) ... 772
Textile Research: First Annual Meeting of the U. S. Institute for ... 750
Textile Research, Meeting of Preliminary Directorate of U. S. Institute for ... 500
Textile Research: Plan United Organization for ... 300
Thickening Agent: Colloresine, a New (Cotton) ... 269
Thirty-second Commencement at Lowell Textile Institute ... 413
Treatment of Cotton for Dyeing with Acid Dyestuffs ... 44
Trend to Refinement of Cotton Goods: The (Voegeli) ... 305
Triethanolamine (Harvey, Jr.) ... 185

Ultra-Violet: Practical Applications of (Amick) ... 585
Uncle Sam—Advisor on Packing and Shipping (Fawcett) ... 425
The United States Tariff Commission (Brossard) ... 390
Upholstery for Automobiles: Dyeing and Finishing Rayon (Palmer) ... 327, 375
U. S. Institute for Textile Research: First Annual Meeting of the ... 750
U. S. Obsolescence Studies Start with Textiles (Fawcett) ... 301
Use of Antiseptic Agents for the Prevention of Mildew (Lloyd) ... 603
Use of Chlorine in Bleaching Cotton Goods (Ivey) ... 611
Use and Construction of Dyeing Machines: Notes on the (Hall) ... 411
Use and Construction of Dyeing Machines: Notes on the (Hall) ... 201
Use of Standardized Colors: The (Maerz) ... 763
Utility of the Hussong Dyeing Machine (Thompson) ... 716

Vapor Method for Removing Grease, Oil and Wax (Miskella) ... 762
Variables in Silk Hosiery Dyeing (Zisman) ... 51
Vat Colors on Wool: Dyeing of (Meyer) ... 237
Vat Colors to Cotton Piece Goods: Application of (Vieira) ... 312
Vat Dyes: Padding Cotton Fabrics with ... 659
Vat Dyestuffs of Benzanthrone Series ... 76
Viscose with Substantive Dyes: Colloidal Aspects of the Dyeing of (Boxser) ... 447
Visual Spectrophotometry: Practical Applications of (Peterson) ... 638

Wanted: Some One to Join the Faculty (The Dyer's School of Experience) (White) ... 434
Warp Mercerizing (Skinkle) ... 217
Warp Streaks from Rayon Piece Goods: Elimination of (Chaky) ... 609
Washing Machine Used in Poland, Laboratory (Pralka) ... 128
Washing Machine Used in Poland (The Pralka) Laboratory ... 187
Water for the Textile Industry (Beurman) ... 616
Waterproofer: Fabrics for the (Grove-Palmer) ... 539
Wax: Vapor Method for Removing Grease, Oil and (Miskella) ... 762
Why Do Leaders Lead? ... 72
Wool: Dyeing of Vat Colors on (Meyer) ... 237
Wool for Unshrinkable Finish: The Chlorination of (Sachs) ... 488
Wool: Sulphur Content of (Hall) ... 231

X-Ray Research on Textiles: The Present Status and Future Possibilities of (Clark) ... 60

Index of Authors

Author	Page
ADAMS, R. H.—	
The Testing Laboratory and Its Relation to the Textile Mill	235
AMICK, CHESTER A.—	
Practical Applications of Ultra-Violet	585
BEHRMAN, A. S.—	
Water for the Textile Industries	616
BISHOP, H. B.—	
Application of Fluorides on Textiles	282
BISHOP, OAKLEY M. and JOHN H. SACHS—	
The Standardization of Chemical Processes in the Dyestuffs Industry	147
BLAKELEY, J. D., J. M. PRESTON, F. SCHOLEFIELD—	
Determination of Active Chlorine in Hypochlorite Liquors	549
BODENBENDER, H. G.—	
Advances in the Dyeing of Artificial Silk	605
BOXSER, HERMAN—	
Colloidal Aspects of the Dyeing of Viscose with Substantive Dyes	447
Mercerization and the Cellulose Micelle	601
BRANEGAN, JAMES A.—	
The Development of the Textile Chemist and New Developments in Textile Chemicals	209
BROOKS, DR. E. C.—	
The Need of Broadening Textile Education in North Carolina	145
BROSSARD, DR. EDGAR B.—	
The United States Tariff Commission	390
CHAKY, JEROME D.—	
Elimination of Warp Streaks from Rayon Piece Goods	609
CLAFLIN, ALAN—	
Behavior of Ammonium Salts in the Dye Bath	49
Chemical Research and the Chemical Industry	635
Emulsions, Their Preparation and Applications	697
CLARK, CHARLES H.—	
An Approach to Scientific Research	116
CLARK, DR. GEORGE L.—	
The Present Status and Future Possibilities of X-Ray Research on Textiles	60
CLARK, ORMOND W.—	
Fast Color Dyeing in the Converting Plant	55
COTTON, W. H.—	
Colloresine, a New Thickening Agent	269
Problems Which Face the Young Works Chemist	303
CROWN, HARRY A.—	
The Manufacture of Starch, Dextrine and British Gum and Its Application	83
CURTIS, F. S.—	
Handling Heavy Chemicals	278
DAVIDSON, E. P.—	
Notes on Sulphur Color Dyeing	213
Sulfur Color Dyeing	709
DEARING, M. C.—	
The Chemist's Place in the Department Store	378
EDWARDS, GEORGE H—	
Rug and Upholstery Cleaning	225
EDWARDS, W. F.—	
Some Chemical Engineering Aspects of the Silk Industries	1
FAWCETT, WALDON—	
Color Inherent in Containers	780
Color Standardization Will Not Impair Branding in Color	684
Color Takes Possession of Cotton Bags	267
Design Registration Surmounts Retail Opposition	621
Future of Color Co-Ordination, The	565
New Species of Patents Sought for Machinery	469
Projects in the Federal Program for 1930-31 That Affect the Dyestuffs Industries	164
Process-Marking Carried Through to Ultimate Consumers	706
Recent Progress in Federal Certification of Food Colors	99
Color As a Factor in Patentable Design	129
Uncle Sam—Advisor on Packing and Shipping	425
U. S. Obsolescence Studies Start With Textiles	301
FEINDELL, GEORGE F.—	
Chemistry in Cotton Piece Bleaching	36
FILENE, EDWARD A.—	
Distribution and Its Effects Upon Production	700
GALE, R. A.—	
Ranidase and Its Practical Application	338
GOODALL, F. L.—	
Color Faults in Finished Materials	627
GROVE-PALMER, FRED—	
Cleaning and Protecting Lame Fabrics	80
Dyeing Paper Fabrics	137
Dyeing and Finishing Rayon Upholstery for Automobiles	327
(Cont.)	375
Efficiency of the Hydroextractor	681
Fabrics for the Waterproofer	539
Fire Resisting Rayon Goods	715
Look to the Lamps	73
Prompt Action in Mill Accidents	113
Straw and Tagal Bleaching and Dyeing Part I	387
Part II	422
HALL, A. J.—	
Cellulose	509
Copper Numbers of Cellulose, The	355
Deterioration in Cotton Material	264
Importance of Azo-Dye-Sulphites in Connection With Bleached and Dyed Wool	725
Mildew Problem With Cotton and Wool Materials	663
(Cont.)	717
Notes on the Construction of Dyeing Machines	201
Notes on the Use and Construction of Dyeing Machines	411
Stretching—An Important Factor Which Affects the Properties and Processing of Rayon and Cotton Materials	417
Sulphur Content of Wool, The	231
Action of Hypobromites on Cellulose and Its Application in Testing Cotton	787
HARRIS, MILTON, and THOMAS G. HAWLEY—	
Isoelectric Point and Its Relation to Textile Chemistry	720
HARVEY, N. D. JR., and E. W. REID—	
New Chemical Products in the Textile Industry	77
HARVEY, JR., N. D.—	
New Chemicals and Their Application to the Textile Industry	242
HARVEY, JR., N. D.—	
Triethanolamine	185
HAUSNER, JUSTIN—	
Between Two Worlds	492
HAVEN, GEO. B.—	
Future Textile Laboratory Practice	757
HAWLEY, THOMAS G., and MILTON HARRIS—	
Isoelectric Point and Its Relation to Textile Chemistry	720
HAYES, SAMUEL L.—	
Chemistry in Its Relation to Dyes	38
HENRY F. HERRMANN—	
"Formulae Men"	367
HOLDEN, FRANCIS C.—	
Jute Fiber and Its Processing, Dyeing and Bleaching	169
HOLMES, W. C., and A. R. PETERSON—	
Absorption Ratios of Biological Stains	689
HUFFMAN, E. E., and F. C. VILBRANDT—	
Pressure Factor in Mercerization	571
HUBBARD, HENRY D.—	
Quality of Textiles and Manufacturing Methods Standardized on Basis of Federal Research	179
HUGHES, THOMAS F.—	
Bleaching Cotton Piece Goods in One Boil	455
IMPERIAL CHEMICAL INDUSTRIES, LTD.—	
Production of Even Shades on Viscose of Varying Dyeing Properties.	519
IVEY, J. W.—	
Use of Chlorine in Bleaching Cotton Goods	611
JOHNSON, ARTHUR K.—	
Sizing of Rayon in a Silk Mill	5
JOHNSON, GEORGE H.—	
High Temperatures and Textiles	559
KINGSBURY, PERCY A.—	
Corrosion Problems in the Textile Industry	45
KRAIS, PAUL—	
Fastness to Light of Dyed Textiles, Its Determination and Standardization	33
LAIRD, DR. D. A.—	
The Inside Dope on Making Textiles Smell Good	502
LA PIANA, F. G.—	
Practice of Rayon Sizing in American Mills	14
LEVINSTEIN, DR. HERBERT—	
Fibers Derived from Cellulose	193
LEVITT, BENJAMIN—	
Analytical Methods for Textile Soaps	667
LEWIS, SAMUEL JUDD—	
Spectroscopic Investigation of the Mineral Constituents of Textiles.	686
LITTLE, B. H.—	
Hercules Yarmor Pine Oil	343
LLOYD, L. L.—	
The Use of Antiseptic Agents for the Prevention of Mildew	608
LUBS, HERBERT A.—	
Chemical Control in the Manufacture and Application of Dyestuffs With Particular Reference to Indicator Text Papers	364
McCORMACK, WILLIAM—	
Engraving for the Textile Industry	734
MAERZ, A.—	
The Use of Standardized Colors	763
MARGIS, E. M.—	
Dyeing Rayon and Rayon Mixtures	477
MARSHALL, DR. B. H.—	
"Application of Vat Colors in Printing	308
MARSSON, R. W.—	
New Developments in Dyeing With Naphtol HS Products	271
MEYER, DR. H.—	
The Dyeing of Vat Colors on Wool	237
MISKELLA, WILLIAM J.—	
Spraying Designs on Textiles	543
Vapor Method for Removing Grease, Oil and Wax	762
MORAW, H. C.—	
Chemical Economics	159
MOSHER, HUGH H.—	
Comparative Accuracy of Comparator Indicators With Soap Solutions.	261
The Degumming of Silk	395
PETERSON, A. R., and W. C. HOLMES—	
Absorption Ratios of Biological Stains	689
PETERSON, ANIS R.—	
Practical Application of Visual Spectrophotometry	638
PLATT, HERBERT—	
Dyeing and Finishing Celanese Fabrics	19

Author	Page
POMERANZ, H.—	
Evaluation of Turkey-Red Oils By Their Properties	672
POWERS, DR. DONALD H.—	
Rubber and Its Application	89
Textile Research	772
PRALKA, A.—	
Laboratory Washing Machine Used in Poland	128
PRESTON, J. M., F. SCHOLEFIELD, J. D. BLAKELEY—	
Determination of Active Chlorine in Hypochlorite Liquors	549
QUERN, D. STEWART—	
Advantages of Bleaching Textiles With Hydrogen Peroxide	587
REHNER, JOHN, JR., and ALLEN E. STEARN—	
A Study of Dye Adsorption	465
REID, E. W., and N. D. HARVEY, JR.—	
New Chemical Products in the Textile Industry	77
ROBERTS, HERBERT C.—	
Mildew in Textile Mills Part I	431
Part II	473
RORKE, MARGARET HAYDEN—	
Fashion and the Chemist	25
RUDOLPH, GEORGE—	
"The Dyeing of Artificial Silk"	192
RUPP, RAPHAEL E.—	
Determination of Small Amounts of Copper in Textiles	581
RUSSELL, JOSEPH F.—	
Control of Copper Content of Dyed Fabrics	821
SACHS, A. P.—	
The Chlorination of Wool for Unshrinkable Finish	488
SACHS, JOHN H., and BISHOP, OAKLEY M.—	
The Standardization of Chemical Processes in the Dyestuffs Industry	147
SANSONE, RAFFAELE—	
Investigating the Value of Paranitraniline for Dyeing or Printing Reds on Cotton Cloth Goods	175
Recent Improvements in Machinery for Bleaching With Hydrogen Peroxide	514
SCHEY, ROBERT—	
The Profession of a Textile Designer	729
SCHOLEFIELD, F., J. M. PRESTON, J. D. BLAKELEY—	
Determination of Active Chlorine in Hypochlorite Liquors	569
SCHUTTIG, CHARLES L.—	
Chemistry in Textile Finishing	37
SEIBERT, CHARLES A.—	
Some Observations Pertaining to the Uniform Absorption By Rayon of Synthetic Dyestuffs	29
SHELDON, H. H.—	
Demonstration of the Colorscope, A	644
SHELTON, E. M.—	
Fundamental Research in Silk	280
SIEVER, HUGHES L.—	
Oiled Cotton and the Chemistry Involved	16

Author	Page
SKINKLE, JOHN H.—	
Elementary Textile Microscopy	295
(Cont.)	330
(Cont.)	359
(Cont.)	409
(Cont.)	427
(Cont.)	449
(Cont.)	484
(Cont.)	527
Warp Mercerizing	217
SMITH, WM. C.—	
Method for the Determination of Copper, Manganese and Iron in Fabrics	583
SMOLENS, H. G.—	
Bleaching Cotton Piece Goods With Hydrogen Peroxide	547
Kier Bleaching Cotton Goods With Hydrogen Peroxide	351
SOMMERVILLE, JOHN—	
Dyeing of Random Effects on Yarns	107
STEARN, ALLEN E., and JOHN REHNER, JR.—	
A Study of Dye Adsorption	465
STOCKBARGER, DONALD C.—	
Some Characteristics and Uses of Ultra-Violet	586
STRACHAN, DR. EARL K.—	
Some Facts About Colloids	151
TAYLOR, J. N.—	
Commerce of Chemistry, The	496
THOMPSON, HARRY J.—	
Utility of the Hussong Dyeing Machine	746
TROTMAN, S. R.—	
Absorption and Its Action in Dyeing of Textile Fibers	477
VIEIRA, N. R.—	
Application of Vat Colors to Cotton Piece Goods	312
VILBRANDT, F. C., and HUFFMAN, E. E.—	
Pressure Factor in Mercerization	571
VOEGELI, FRED B.—	
Trend to Refinement of Cotton Goods, The	305
WECHSLER, R.—	
Researches in Textile Oils	284
WHITE, NOEL D.—	
Wanted: Some One to Join the Faculty! (The Dyer's School of Experience)	434
Dyeing Silk Hosiery	741
WILLIAMS, S. H.—	
"Application of Indanthren Colors on Cotton Raw Stock and Cotton Yarn"	310
WITHEY, S. HOWARD, F.C.I.—	
Dyers' Accounts Part I	110
Part II	206
Part III	318
Part IV	439
Part V	553
ZISMAN, LOUIS S.—	
Variables in Silk Hosiery Dyeing	51

Index to Proceedings of American Association of Textile Chemists and Colorists

January 1, 1930, to December 31, 1930, inclusive

	Page
Absorption by Rayon of Synthetic Dyestuffs: Some observations Pertaining to the Uniform (Seibert)	25
Addresses Wanted	104
Advantages of Bleaching Textiles with Hydrogen Peroxide (Quern)	221
Ammonium Salts in the Dye Bath: Behavior of (Claflin)	37
An Approach to Scientific Research (Clark)	74
APPLICANTS FOR MEMBERSHIP—36, 71, 82, 96, 104, 117, 135, 154, 166, 179, 192, 208, 214, 244, 248, 288	
Application of Fluorides on Textiles (Bishop)	149
Application of Indanthrene Colors on Cotton Raw Stock and Cotton Yarn (Williams)	162
Application of Vat Colors to Cotton Piece Goods (Vieira)	162
Application of Vat Colors in Printing (Marshall)	163
ASSOCIATION (Parent Body)—	
Ninth Annual Meeting:	
Friday Evening Session cont'd	37
Annual Business Meeting	296
Secretary's Report	296
Treasurer's Report	297
Research Conference Committee	298
Year Book Committee	298
In Memorial	299
Research Committee Report	299
Election of Officers for 1931	304
Annual Banquet	304
AUTHORS—	
Amick, Chester A.:	
Practical Applications of Ultra-Violet	219
Gehrman, A. S.:	
Water for Textile Industries	228
Bishop, H. B.:	
Application of Fluorides on Textiles	149

	Page
Bishop, Oakley M. and John H. Sachs.:	
The Standardization of Chemical Processes in the Dyestuff Industry	87
Branegan, James A.:	
The Development of the Textile Chemist and new Development in Textile Chemicals	105
Brooks, Dr. E. C.:	
The Need of Broadening Textile Education in North Carolina	85
Claflin, Alan A.:	
Behavior of Ammonium Salts in the Dye Bath	37
Clark, Charles H.:	
An Approach to Scientific Research	74
Clark, Dr. George L.:	
The Present Status and Future Possibilities of X-Ray Research on Textiles	48
Clark, Ormond W.:	
Fast Color Dyeing in the Converting Plant	43
Cotton, W. H.:	
Colloresine, a New Thickening Agent	136
Problems Which Face the Young Works Chemist	155
Crown, Harry A.:	
The Manufacture of Starch, Dextrine and British Gum and Its Application	59
Curtis, F. S.:	
Handling Heavy Chemicals	145
Davidson, E. P.:	
Notes on Sulphur Color Dyeing	109
Sulfur Color Dyeing	249
Feindell, George F.:	
Chemistry in Cotton Piece Bleaching	32
Gale, R. A.:	
Rapidase and Its Practical Application	170
Harvey, Jr., N. D.:	
New Chemicals and Their Application to the Textile Industry	123
Triethanolamine	101

Page

Hayes, Samuel L.:
Chemistry in Its Relation to Dyers ... 34
Herrmann, Henry F.:
"Formulae Men" ... 185
Ivey, J. W.:
Use of Chlorine in Bleaching Cotton Goods ... 223
Johnson, Arthur K.:
Sizing of Rayon in a Silk Mill ... 1
Krais, Paul:
Fastness to Light of Dyed Textiles, Its Determination and Standardization ... 29
La Piana, F. G.:
Practice of Rayon Sizing in American Mills ... 10
Little, B. H.
Hercules Yarmor Pine Oil ... 175
Lubs, Herbert A.:
Chemical Control in the Manufacture and Application of Dyestuffs with Particular Reference to Indicator Text Papers ... 182
McCormack, William:
Engraving for the Textile Industry ... 258
Maerz, A.:
The Use of Standardized Colors ... 273
Marshall, Dr. B. H.:
"Application of Vat Colors in Printing ... 163
Marsson, R. W.:
New Developments in Dyeing with Naphtol H. S. Products ... 138
Meyer, Dr. H.:
The Dyeing of Vat Colors on Wool ... 118
Mosher, Hugh H.:
The Degumming of Silk ... 193
Platt, Herbert:
Dyeing and Finishing Celanese Fabrics ... 15
Powers, Donald H.:
Rubber and Its Application to Textiles ... 65
Textile Research ... 262
Quern, D. Stewart:
Advantages of Bleaching Textiles with Hydrogen Peroxide ... 221
Rorke, Margaret Hayden:
Fashion and the Chemist ... 21
Rupp, Raphael E.:
Determination of Small Amounts of Copper in Textiles ... 215
Sachs, John H. and Bishop, Oakley M.:
The Standardization of Chemical Processes in the Dyestuffs Industry ... 87
Schey, Robert:
The Profession of a Textile Designer ... 253
Schuttig, Charles L.:
Chemistry in Textile Finishing ... 33
Seibert, Charles A.:
Some Observations Pertaining to the Uniform Absorption by Rayon of Synthetic Dyestuffs ... 25
Shelton, E. M.:
Fundamental Research in Silk ... 147
Sheldon, H. H.:
A Demonstration of the Colorscope ... 232
Siever, Hughes L.:
Oiled Cotton and the Chemistry Involved ... 12
Skinkle, J. H.:
Warp Mercerizing ... 113
Smith, Wm. C.:
Method for the Determination of Copper, Manganese and Iron in Fabrics ... 217
Stockbarger, Donald C.:
Some Characteristics and Uses of Ultra-Violet ... 220
Strachan, Earl K.:
Some Facts About Colloids ... 91
Thompson, J. Harry:
Utility of the Hussong Dyeing Machine ... 270
Vieira, N. R.:
Application of Vat Colors to Cotton Piece Goods ... 164
Voegeli, Fred B.:
The Trend to Refinement of Cotton Goods ... 157
Wechsler, R.:
Researches in Textile Oils ... 151
White, Noel D.:
Dyeing Silk Hosiery ... 265
Williams, S. H.:
Application of Indanthren Colors on Cotton Raw Stock and Cotton Yarn ... 162
Zisman, Louis S.:
Variables in Silk Hosiery Dyeing ... 39
Behavior of Ammonium Salts in the Dye Bath (Claflin) ... 37
Bleaching Cotton Goods: Use of Chlorine in (Ivey) ... 223
Bleaching Textiles with Hydrogen Peroxide: Advantages of (Quern) ... 221

Chemical Control in the Manufacture and Application of Dyestuffs, with Particular Reference to Indicator Test Papers (Lubs) ... 182
Chemical Processes in the Dyestuff Industry: Standardization of (Bishop and Sachs) ... 87
Chemicals and Their Application to the Textile Industry: New (Harvey, Jr.) ... 123
Chemistry in Cotton Piece Bleaching (Feindell) ... 56
Chemistry in Its Relation to Dyers (Hayes) ... 34
Chemistry in Textile Finishing (Schuttig) ... 33
Chlorine in Bleaching Cotton Goods: Use of (Ivey) ... 223
Colloids: Some Facts about (Strachan) ... 91
Colloresine, a New Thickening Agent (Cotton) ... 136
Colorscope: A Demonstration of the (Sheldon) ... 232
Converting Plant: Fast Color Dyeing in the (Clark) ... 43
Copper, Manganese and Iron in Fabrics: Method for the Determination of (Smith) ... 217
Copper in Textiles: Determination of Small Amounts of (Rupp) ... 215
Cotton Goods: The Trend to Refinement of (Voegeli) ... 157
Cotton Piece Goods, Application of Vat Colors to (Vieira) ... 164
Cotton Raw Stock and Cotton Yarn: Application of Indanthren Colors on (Williams) ... 162

COUNCIL MEETING:
Sixty-second ... 98
Sixty-third ... 132
Sixty-fourth ... 167
Sixty-fifth ... 207
Sixty-sixth ... 246
Sixty-seventh ... 263
Sixty-eighth ... 290

Degumming of Silk: The (Mosher) ... 193
Demonstration of the Colorscope (Sheldon) ... 232
Designer: The Profession of a Textile (Schey) ... 253
Determination of Small Amounts of Copper in Textiles (Rupp) ... 215
Development of the Textile Chemist and New Developments in Textile Chemicals (Branegan) ... 105
Dextrine and British Gum and Its Application: The Manufacture of Starch, (Crown) ... 59
Dyeing and Finishing Celanese Fabrics (Platt) ... 15
Dyeing in the Converting Plant: Fast Color (Clark) ... 43
Dyeing Silk Hosiery (White) ... 265
Dyeing of Vat Colors on Wool (Meyer) ... 118

Engraving for the Textile Industry (McCormack) ... 258

Fashion and the Chemist (Rorke) ... 21
Fast Color Dyeing in the Converting Plant (Clark) ... 43
Fastness to Light of Dyed Textiles, Its Determination and Standardization (Krais) ... 29
Fluorides on Textiles: Application of (Bishop) ... 149
Formulae Men (Herrmann) ... 185
Fundamental Research in Silk (Shelton) ... 147

Handling Heavy Chemicals (Curtis) ... 145
Heavy Chemicals: Handling (Curtis) ... 145
Hercules Yarmor Pine Oil (Little) ... 175
Hosiery: Dyeing Silk (White) ... 265
Hydrogen Peroxide: Advantages of Bleaching Textiles with (Quern) ... 221

Indanthren Colors on Cotton Raw Stock and Cotton Yarn: Application of (Williams) ... 162
Indicator Test Papers: Chemical Control in the Manufacture and Application of Dyestuffs, with Particular Reference to (Lubs) ... 182
Iron in Fabrics: Method for the Determination of Copper, Manganese and (Smith) ... 217

Laboratory Washing Machine Used in Poland (The Pralka) ... 103

LOWELL TEXTILE JUNIOR SECTION:
November Meeting ... 65
April Meeting of the ... 155

Manganese and Iron in Fabrics: Method for the Determination of Copper (Smith) ... 217
Manufacture of Starch Dextrine and British Gum and Its Application (Crown) ... 59
Mercerizing: Warp (Skinkle) ... 113
Method for the Determination of Copper, Manganese and Iron in Fabrics (Smith) ... 217

MIDWEST SECTION:
Quarterly Meeting ... 105

Naphtol H S Products: New Developments in Dyeing with (Marsson) ... 138
Need of Broadening Textile Education in North Carolina: The (Brooks) ... 85
New Chemicals and Their Application to the Textile Industry (Harvey, Jr.) ... 123
New Developments in Dyeing with Naphtol H S Products (Marsson) ... 138

NEW YORK SECTION: ... 73, 118, 146, 170, 193
Outing ... 214
September Meeting ... 231
October Meeting ... 253
November Meeting ... 291

NORTHERN NEW ENGLAND SECTION:
Meeting ... 273
February Meeting ... 101, 113
March Meeting ... 144
April Meeting ... 182
Outing ... 208
Notes on Sulphur Color Dyeing (Davidson) ... 109

Oiled Cotton and the Chemistry Involved (Siever) ... 12
Our Association, Informal talk (Wood) (abstract) ... 213

PHILADELPHIA SECTION:
Meeting of ... 268

PIEDMONT SECTION:
Annual Meeting ... 32
Quarterly Meeting ... 83
Spring Meeting ... 157
Summer Outing ... 211
Annual Meeting ... 263
Pine Oil, Hercules Yarmor (Little) ... 175
Practical Application of Ultra-Violet (Amick) ... 219
Practice of Rayon Sizing in American Mills (Piana) ... 10
Present Status and Future Possibilities of X-Ray Research on Textiles: The (Clark) ... 48
Printing: Application of Vat Colors in (Marshall) ... 163
The Profession of a Textile Designer (Schey) ... 253
Problems which Face the Young Works Chemist (Cotton) ... 155

Rapidase and Its Practical Application (Gale) ... 26
Rayon Sizing in American Mills: Practice of (Piana) ... 10
Rayon Upholstery for Automobiles: Dyeing and Finishing (Grove-Palmer) ... 327, 375
Refinement of Cotton Goods: The Trend to (Voegeli) ... 157

RESEARCH COMMITTEE:
Fifty-seventh Meeting ... 97
Fifty-eighth Meeting ... 134
Fifty-ninth Meeting ... 181

Sixtieth Meeting 205
Sixty-first Meeting 245
Sixty-second Meeting 239
Report of Sub-Committee on Rubberized Fabrics 215
Report of the Light Committee 213
Research: An Approach to Scientific (Clark) 74
Research in Silk: Fundamental (Shelton) 147
Researches in Textile Oils (Wechsler) 151

RHODE ISLAND SECTION:
November Meeting 59, 289
December Meeting 65, 73
January Meeting 17, 81
February Meeting 100
March Meeting 136
April Meeting 182
November Meeting 289
Rubber and Its Application to Textiles (Powers) 65

Silk: The Degumming of (Mosher) 193
Silk Hosiery Dyeing: Variables in (Zisman) 39
Sizing of Rayon in a Silk Mill (Johnson) 1
Some Characteristics and Uses of Ultra-Violet (Stockbarger) 220
Some Facts about Colloids (Strachan) 91
Some Observations Pertaining to the Uniform Absorption by Rayon of Synthetic Dyestuffs (Seibert) 25

SOUTH CENTRAL SECTION:
Quarterly Meeting of 109
Quarterly Meeting of 182
Mid-Summer Meeting of 223
Meeting of 264

Standardization of Chemical Processes in the Dyestuffs Industry (Bishop and Sachs) 87
Standardized Colors: The Use of (Maerz) 273
Starch, Dextrine and British Gum and Its Application: The Manufacture of (Crown) 59
Sulphur Color Dyeing: Notes on (Davidson) 109
Sulphur Color Dyeing (Davidson) 249

Textile Designer: The Profession of a (Schey) 253
Textile Education in North Carolina: The Need of Broadening (Brooks) 85
Textile Finishing: Chemistry in (Schuttig) 33
Textile Oils: Researches in (Wechsler) 151
Textile Research (Powers) 282
Thickening Agent: Collоresine a New (Cotton) 136
Trend to Refinement of Cotton Goods: The (Voegeli) 157
Triethanolamine (Harvey, Jr.) 101

Ultra-Violet: Practical Applications of (Amick) 219
Use of Chlorine in Bleaching Cotton Goods (Ivey) 223
Use of Standardized Colors: The (Maerz) 273
Utility of the Hussong Dyeing Machine (Thompson) 270

Variables in Silk Hosiery Dyeing (Zisman) 39
Vat Colors to Cotton Piece Goods: Application of (Vieira) 164
Vat Colors on Wool: Dyeing of (Meyer) 118

Warp Mercerizing (Skinkle) 113
Washing Machine Used in Poland (The Pralka) Laboratory 103
Water for the Textile Industries (Behrman) 228
Wool: Dyeing of Vat Colors on (Meyer) 118

X-Ray Research: The Present Status and Future Possibilities of (Clark) 48